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**LABORATORY**

OF THE

**INLAND REVENUE DEPARTMENT**

**OTTAWA, CANADA**

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**BULLETIN No. 394**

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**WINES AND LIQUORS**

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#### **NOTES AND COMMENTS.**

Under this heading, as occasion arises, the Bulletins issued by this Department will contain, as an appendix, such comment as may seem necessary or advisable upon matters relating to the work of the Department in connection with the administration of the Adulteration Act, the Fertilizers Act, the Feeding Stuffs Act or the Proprietary Medicines Act.

It frequently happens that correspondents ask information regarding the above Acts, of such nature that the matter in question possesses general interest, and comment upon it would prove acceptable and useful to others than the immediate questioner. In such cases the reply may find a place in these columns. For convenience of reference these notes will be numbered in series.

**A. MCGILL,**  
*Chief Analyst.*

LABORATORY  
OF THE  
**INLAND REVENUE DEPARTMENT**  
**OTTAWA, CANADA**

**BULLETIN No. 394**

**WINES AND LIQUORS**

OTTAWA, February 12, 1918.

J. U. VINCENT, Esq., K.C., B.A., L.Ph.,  
Deputy Minister of Inland Revenue,

Sir,—I have the honour to hand you a report on 114 samples, purchased by various specific names, which may be included under the comprehensive title, Wines and Liquors.

An Order in Council of February 8, 1911 (published by this Department as Circular G. 947) defines the terms Wine, Beer, Whisky, Rum, Gin, etc., and the definitions given are consistent with the ordinary use of these terms. Recent legislation in several provinces of Canada has restricted or forbidden the sale of alcoholic liquors of the kinds referred to; and interested parties have, in some instances, placed on the market would-be substitutes for these, and have not hesitated to adopt the terms wine, beer, rum, etc., in describing such substitutes.

In consequence of such action, complaint has been made by purveyors of alcoholic liquors, and also by purchasers, who have been duped into buying wine which is not wine; whisky, which is not whisky, etc. Under the Order in Council above referred to, *Whisky*, *Brandy* and *Rum* are required to contain not less than 42.75 per cent (volume) of absolute alcohol, equivalent to 75 per cent by volume of proof spirit. *Gin* must contain not less than 37 per cent of absolute alcohol, equivalent to 65 per cent proof spirit.

Although a limit for alcohol is not fixed in the case of Wine, this article is defined as "the product of the normal alcoholic fermentation of the juice of sound ripe grapes, etc." Alcohol is therefore a constituent of Wine; and actual wines show amounts varying from about 12 to 19 per cent of proof spirit.

It was in order to ascertain of the case that our inspectors were instructed, in June of last year, to investigate the matter; and the results of their investigation are herewith furnished to you.

So far as the name under which the article is sold is concerned, the samples may be classified as follows:—

Sold as Whisky.....	10 samples.
" " Rum .....	10 "
" " Gin .....	14 "
" " Wine.....	45 "
" " Alcohol .....	1 "
" " Brandy .....	19 "
" " Medicated Wine .....	3 "
" " Cordials, etc.....	11 "
" " Beer or Porter .....	8 "
Total .....	114 "

Fifty-three (53) samples are found to be true to name under which sold, and to meet legal standards for such article; thirteen (13) may be regarded as meeting the type, but are below standard requirements in one or other respect.

Thirty-nine (39) samples are clearly fraudulent, in the sense of claiming to be what they are not; while nine (9) samples I have judged as doubtful, in the absence of a standard for the term *Cordial*, under which name, or an apparent equivalent, these samples are sold.

Details are given below:—

Liquors which are below legal strength in alcohol (proof spirit):

	Number.	Sold as.	Proof Spirit strength.	Deficiency.	Opinion.
1	76676	Rum.....	71.05	3.95	Pass.
2	71075	Cognac.....	55.95	19.05	Adulterated
3	71081	Cognac.....	45.08	29.92	"
4	71084	Rum.....	50.74	24.26	"
5	73898	Brandy.....	57.00	17.91	"
6	77841	Port wine (unfermented).	12.97	.....	"
7	68439	Whisky.....	69.99	5.01	Pass.
8	75832	Gin.....	61.32	3.68	"
9	75839	Gin.....	60.20	4.71	"
10	75841	Brandy.....	72.20	2.60	"
11	75936	Gin.....	46.70	16.30	Adulterated
12	75940	Gin.....	58.14	6.86	"
13	75941	Brandy.....	64.10	10.90	"

The Order in Council fixing limiting percentages for proof-spirit strength, provides that liquors having a spirit strength below the standard may be legally sold "when the actual percentage is legibly and distinctly marked on each and every package, parcel, bottle, or other container of such spirits."

In none of the cases above referred to is this condition fulfilled. I would, however, respectfully suggest that proceedings be not taken in cases where the deficiency does not exceed five (5) per cent. This is in accordance with usual procedure; but must be regarded as an act of clemency, and not as establishing a binding precedent.

The following samples are sold as *Cordials*, or by a name which may be regarded as equivalent to this:—

	Number.	Sold as.	Spirit strength.	Sugars.	Opinion.
1	72578	Mint Cordial.....	1.86	14.07	Doubtful.
2	72579	Pineola.....	1.39	17.39	"
3	72580	Orange.....	1.74	17.01	"
4	72581	Black Cherry.....	1.39	22.81	"
5	77912	Creme de menthe.....	1.86	35.81	"
6	77913	".....	none.	34.07	"
7	77993	Anisette.....	3.44	40.80	"
8	77996	Tipperary Punch.....	none.	14.10	"
9	78000	Creme de menthe.....	0.12	27.53	"

A cordial is generally understood to be an aromatized and sweetened spirit, used as a beverage, a liqueur, and is so defined by Webster. This authority furnishes an alternative definition; "Any invigorating and stimulating preparation, as a medicine, food or drink; as a peppermint cordial."

In the absence of any legally established definition of the term, I am unable to express a clear opinion as to the genuineness or otherwise of these articles. I am, however, convinced that such names as "Crème de Menthe" are generally understood to imply the presence of alcohol; and the sale of a non-alcoholic liquor under such a name should be regarded as adulteration.

Thirty-nine (39) samples are sold under names which are legally defined, and all of these samples are adulterated, in the sense that they are not what they claim to be.

**Wines.**—Wine is the product of the normal alcoholic fermentation of the juice of the grape. Twenty-seven (27) samples are sold as Wines; and these are not fermented; nor are they, in any case, products of the normal alcoholic fermentation of grape juice.

**Gin.**—Is a product of the distillation of alcohol from juniper berries, and should contain, along with the volatile oil of juniper, at least 65 per cent of proof spirit. Four (4) samples are sold as gin which fail to meet these requirements.

**Brandy.**—Is a product of the distillation of wine, and should contain at least 75 per cent of proof spirit. Three (3) samples are sold as brandy which fail to meet these requirements.

**Porter.**—Is required to possess a spirit strength of at least 6 per cent. Two (2) samples sold as porter contain less than 2 per cent.

One sample sold as *Whiskey*, one as *Rum*, and one as *Lager Beer*, fail to meet standard requirements for these beverages.

Doubtless these articles are manufactured and sold with intent to meet the requirements of provincial temperance legislation. They must, however, be compelled to bear properly descriptive names; otherwise they are adulterated under section 3 (d) of the Act.

All of these samples are technically adulterated. Whether or not it will be well to inflict penalty in these cases, I leave you to decide. I have expressed the opinion that they are not what they claim to be; and the above-quoted section of the Adulteration Act applies.

I would respectfully draw your attention to the fact, which becomes more and more evident as my correspondence increases, that in the majority of cases the manufacturers are meeting exceptional conditions to the best of their ability, and without any intention of violating the provisions of the Act.

Recent provincial temperance legislation has interfered with the legitimate business in alcoholic beverages, and it is not a matter of surprise that manufacturers should attempt to meet existing conditions.

Until our Act distinguishes between "misbranding" and "adulteration" I think it will be only fair to these people that the Department should exercise leniency in interpretation, and I would respectfully suggest that in all cases of technical adulteration of the kind referred to, no legal action be taken.

I beg to recommend publication of this report as Bulletin No. 394.

I have the honour to be, sir,  
Your obedient servant,

A. MCGILL,  
*Chief Analyst.*

BULLETIN No. 394—WINES AND LIQUORS.—TABLE I.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.	Name and Address of Manufacturer or Furnisher as given by the Vendor.	Inspector's Report. (Is not an expression of Opinion.)
			Quantity.	Cost.	Manufacturer.	Furnisher.
1917.						
Aug. 15	Scotch Whisky.....	76671	E. F. Sullivan, Halifax.	3 flats.	Jas. Buchanan & Co., J. J. Bradley, Mont- real.	Black & White. Vendor is legal vendor.
15	Rum.....	76672	" " "	3	Glasgow, Scot.	Jamaica.
		76673	" " "	3 15 D. Finn, Jamaica.....	"	"
		76673	" " "	7 flats.	John De Kuyper, Rotterdam, Holland.	De Kuyper's Gin.
22	Rum.....	76674	Town of Bridgewater, Bridgewater.	3	1.95 Unknown.....	Sunnyvale, Bengal. Vendor is legal vendor.
		76675	" " "	3 flats.	R. McKenzie, Glasgow, Scot.	John McKenzie Brand.
		76676	" " "	3 30 S. R. Power, Halifax.	"	"
31	Rum.....	76676	" " "	3	2.50 Unknown.....	Jamaica. Vendor is legal vendor.
		76677	" " "	3 flats.	Alex. McDonald Co., Scotland.	Sandy McDonald.

DISTRICT OF NOVA SCOTIA—R. J. WAUGH, INSPECTOR.

1917.						
Aug.	15	Scotch Whisky.....	76671	E. F. Sullivan, Halifax.	3 flats.	Jas. Buchanan & Co., J. J. Bradley, Mont- real.
15	Rum.....	76672	" " "	3	Glasgow, Scot.	Black & White. Vendor is legal vendor.
15	Gin.....	76673	" " "	3 15 D. Finn, Jamaica.....	"	Jamaica.
22	Rum.....	76674	Town of Bridgewater, Bridgewater.	3	John De Kuyper, Rotterdam, Holland.	De Kuyper's Gin.
		76675	" " "	7 flats.	L. Wilson, Montreal.	Sunnyvale, Bengal. Vendor is legal vendor.
		76676	" " "	3 flats.	R. McKenzie, Glasgow, Scot.	John McKenzie Brand.
		76677	" " "	3	2.50 Unknown.....	"
31	Scotch Whisky.....	76677	" " "	3 flats.	Alex. McDonald Co., Scotland.	Sandy McDonald.

DISTRICT OF NEW BRUNSWICK—JOHN C. FERGUSON, INSPECTOR.

July	17	Scotch Whisky.....	78001	The Canadian Drug Co., St. John, N.B.	3 lbs.	3.60 Whyte & Mackay, Glasgow, Scot.	Special Brand.
17	Port Wine .....	78002	" " "	3	" 2.25	R. Sullivan & Co., St. John, N.B.	Spanish Port Wine.
17	Alcohol.....	78003	" " "	3	" 1.50	Corbey Distillers, Belleville, Ont.	John, N.B.
26	Walker's Rye Whisky.....	78004	J. W. Smith, St. Stephen, N.B.....	3	" 1.50	J. J. Bradley, St. John.	

17 A.S.C.H.O.O.L.	76004	J. W. Smith, St. Stephen, N.B.	3	1.50
	76005	" " "	3	1.50
26 Walker's Rye Whisky		Laurens, Limestone County, Ont.		J. J. Bradley, St. John.

		P.	M.	O'Neil,	St. be Kuyser.
		J.-John.			
26Gin	78005	"	"	"	1.750
30 Brandy	78006	Nat. Drug and Chem. Co., St. John, N.B.	3 "	3.75 E. Reny Martin & Cie, Cognac, France.	
30 Sherry Wine	78007	"	"	1.50	John Hope & Co., Montreal
20 Jamaica Rum	78008	"	"	1.50	Daniel Fins & Co., King- ston, Jamaica.
gr. 10 Scotch Whisky	78009	C. L. Olmsted, Perth, N.B.	1 bot.	2.25 John Dewar & Sons, Perth, Scott.	
11 Walker's Rye Whisky	78010	The Wiley Drug Co., Grand Falls, N.B.	3 bots.	1.70 Hiram Walker & Sons, Walkerville.	Vender under Prohibition Act.

**DISTRICT OF QUEBEC CITY—P. X. W. F. BELAND INSPECTOR**

DISTRICT OF QUEBEC PROVINCE—O.		BROCHU, N. CADIEUX, T. GENDREAU, TEMPORARY INSPECTORS.	
June 14	Cognac .....	71070	Bacon, 28 Rue Hermine, Quebec.....
	Scotch Whisky.....	71076	" " " 3 " 25 Paul Dugay Co.....
	Port Wine .....	71077	" " " 3 " 25 Smith Bros. Co.....
	Gin.....	71079	" " " 3 " 1.00 " " "
June 14	Vin des Canes.....	71079	Jérémie Papin, Bagot and Masson, Quebec.....
"	Gin .....	71080	" " " 3 lots. 2.40 " " "
"	Cognac.....	71081	Jos. Vézina, 914 rue St. Valier, Quebec.....
"	Gin .....	71082	" " " 3 " 2.70 " " "
"	Wilson's Wine .....	71083	C. Delisle, 2nd Ave., Taschereau, Quebec.....
"	Rum .....	71084	" " " 3 " 2.50 " " "
			M. Plante, Quebec.....
			Jamaisie.
June 21		Pharmacie.	
	Vin quinine .....	6450	Nap. Aubin, St. Daniel.....
"	Vin .....	5640	Pierre Simard, St. Jerome.....
"	Port Wine .....	7332	J. N. R. L'Esperance, Montmorency .....
"	Blackberry Wine .....	7333	" " " 3 " 1.00 " " "
"	N. W. Cherry .....	7333	" " " 3 " 1.00 " " "
"	Sloe Gin .....	7333	" " " 3 " 1.00 " " "
			Bureau Extra.

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				Quantity.	Manufacturer.	

## DISTRICT OF EASTERN TOWNSHIPS—E. BLONDIN, TEMPORARY INSPECTOR.

1917.						
June 14	Vin blanc . . . . .	73886	Basinet Bros., St. Hyacinthe . . . . .	3 bts.	1.50 L. G. Bright, Niagara Falls.	
"	Gin . . . . .	73887	Bourgeois Co., St. Hyacinthe . . . . .	3 "	1.25 Boivin, Wilson, Montreal.	
"	Brandy . . . . .	73888	H. Measier, fils, St. Hyacinthe . . . . .	3 "	2.50 Chaput fils, Montreal.	
"	Vin Canadien . . . . .	7610	L. H. Olivier, Sherbrooke . . . . .	3 pts	1.50 . . . . .	Niagara Falls.
"	" . . . . .	7611	D. W. Stannen, Sherbrooke . . . . .	3 "	90 . . . . .	St. David, Ont.
"	Brandy . . . . .	7612	Lecroix, Sherbrooke . . . . .	3 "	3.00 . . . . .	Mc Nomeny, Sherbrooke.
"	Vin Canadien . . . . .	7613	Bernard, Son, Sherbrooke . . . . .	3 "	75 . . . . .	" " "
"	" . . . . .	7619	E. Eiron, Sherbrooke East . . . . .	3 "	75 . . . . .	" " "

## DISTRICT OF MONTREAL—J. J. COSTIGAN, INSPECTOR.

Aug. 11	Port Wine . . . . .	56473	H. Brooks, 137 Commissioner, Mont-	3 bts.	2.00 . . . . .	Vin Supérieur.
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Aug. 11 Port Wine..... 56473 H. Brooks, 137 Commissioners, Mont. 3 bts. 2.00  
real. .... Vin Supérieur.

DISTRICT OF VALLEYFIELD J. J. CONSTITUTVN. ACTING INSPECTOR.

2 July 17	Port Wine .....	74356 J. Dufresne, Lancaster, Ont. ....	3 bts. 1.50 Nectar Wine Co.,.....	Labelled. Port Wine, un-fermented.
" 17	Grape Wine .....	74357 " "	3 " 1.50 " "	Labelled. Grape Wine, un-fermented.
36028	" Port Wine.....	74358 A. Vallee, Alfred, Ont. ....	3 " 2.25 .....	Labelled. Louis Gourdon & Fils, Paris, France.
" 19	Sloe Gin.....	74359 " "	3 " 3.00 Hamilton Importing Co. ....	Contains less than 2½% Proof Spirit, also preservative.
" 19	Grape Wine .....	74360 " "	3 " 1.80 T. A. Lytle Co., Ltd. ....	

DISTRICT OF OTTAWA—J. A. RICKY, INSPECTOR.

June 3b	Grape Wine .....	77527 T. R. Dunkin, Cornwall.....	2 bts. 30 Imperial Ext. Co.,.....	Red Seal, non-alcoholic.
July 7	" "	77547 Johnston's Cash Grocery, Brockville. 3 "	90 The T. A. Lytle Co.,.....	Unfermented, Sterling Brand.
"	10 Port Wine.....	77649 John Hughes, Prescott .....	3 " 1.20 " "	Contains not more than 1½% Sod., Ben. and Colour. Unfermented. Sterling Brand.
"	17 Black Cherry Wine .	77551 James O'Kelly, Ltd., Pembroke.....	3 " 1.50 Vendors .....	California, non-alcoholic.
"	17 Red Cherry Wine .	77552 " "	3 " 1.50 " "	Unfermented, Sterling Brand.
"	18 Black Cherry Wine .	77555 J. Wolfe, Pembroke .....	3 " 1.05 The T. A. Lytle Co.,	
" 28	Pract Wine .....	77566 The A. B. Scott Co., Smith's Falls ..	3 " 76 Turner & Co., Toronto ..	Unfermented.

DISTRICT OF KINGSTON—JAMES HOCHAN, INSPECTOR.

June 12	Mint Cordial .....	72578 James McParland, Kingston .....	3 bts. 1.50 The Jamaica Wine Co.,.....	
" 12	Pineola .....	72579 " "	3 " 1.50 " "	
" 12	Orange .....	72580 " "	3 " 1.50 " "	
" 18	Black Cherry.....	72581 W. A. Radbourne, Belleville .....	3 " 1.50 Turner & Co., Toronto ..	
" 18	Ginger Wine.....	72582 " "	3 " 2.25 Hamilton Importing Co. ....	
" 18	Ginger Brandy .....	72583 " "	3 " 2.25 " "	
" 18	Rum .....	72584 W. A. Radbourne, Belleville .....	3 bts. 1.95 J. Gordon, Toronto. ....	
" 18	Rye Whiskey.....	72585 " "	3 " 2.25 " "	

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				Quantity	Quality		
DISTRICT OF TORONTO—H. J. DAGER, INSPECTOR.							
1911.							
June 13	Sloe Gin.....	77864	Toronto Wine Co., 148 Dundas St., 3 bots.	1.10	Vendor.....		Royal Club.
"	Port Fruit Wine....	77865	H. D. Gordon & Co., 639 College St., 3 " Toronto.	1.10	"		Unfermented.
"	Blackberry Brandy..	77867 T.	Bowes & Son, 473 Queen St. W., 3 " Toronto.	2.25	"		Blackberry Brandy, purity guaranteed. Pierre L. Rousse & Cie, Bordeaux.
"	Unfermented Port Wine.	77881 J.	Usprich, 2164 Dundas St. West, 3 " Toronto.	42	West End Wine Co., West Toronto.		Imported.
"	London Dock Sherry	77867 A.	Sharpes, 212 Queen St. E., T.G. 3 " Toronto.	2.25	Gordon Drug Co., Toronto.		Bottled by vendor. Liqueur Superior. Lazare & fils Brand.
"	Crème de Menthe...	77912 J.	W. Ryan, 188 Queen St. W., Toronto.	1.50	Robinson Mfg. Co., Toronto.		
"	"	77913 A.	Spires, 183 King St. E., Toronto.	1.00	J. Berman, Toronto.		
DISTRICT OF HAMILTON—H. J. DAGER, ACTING INSPECTOR.							
July 13	Sherry Near Wine..	77864 Wm. McCradle, 294 King St., W., 3 bots.	90	J. J. Walsh, Hamilton.			Oloroso, unfermented.
"	Irish Sloe Gin .....	77965 A. E. Bowden, 222 Barton St. E., 3 "	1.96	R. H. Thomson & Co., Dublin.			
"	Anisette .....	77966 Harding Bros., 68 McDonald St., 3 "	2.00	Alfred Vauban & Co., Hamilton Importing Co., Hamilton.			Non-alcoholic.
"	Black Currant Wine.	77994 A. J. Groom, 122 Wyndham St., 3 "	1.50	Cox & Co., W. India			Cherry.
"	Tipperary Punch ...	77995 Hood & Bennallick, 17 Wyndham St., Guelph.	75	Elk Fruit Products Co., Toronto.			Non-excisable.
"	Ginger Wine .....	77996 Harding Bros., 68 McDonald St., 3 "	75	Sheeman & Sons, Guelph.			

4Ginger Wine .....	7796 Harting Bros., 68 McDonald St., Guelph.	73 Sleeman & Sons, Guelph.
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" 4 Grapes Wine .....	7797 Huether & Todd, 6 Wyndham St., Guelph.	90 Jas. Ryder, Guelph.
" 5 Ginger Wine .....	7798 Richn & Co., King St., Waterloo, Ont.	1.20 " Unknown
" 5 Grape Wine .....	7799 L. Langlo Fruit Co., 228 King St., Kitchener.	1.50 C. H. Tunc, Ltd., London.
" 10 Crème de Menthe .....	7800 Burke Mineral Water Co., 18 Colborne St., Brantford.	76 Vendors.

**DISTRICT OF WINDSOR—JOHN TALBOT, INSPECTOR.**

July 18	Port Wine .....	65267 John Murray & Son, London, Ont.	3 bots.	1.12 Vendors.	Unfermented.
" 19 "	O. S. O. Mfg. Co.,	" "	3 "	10 "	O. S. O. Brand.

**DISTRICT OF MANITOBA—J. B. COSGROVE, INSPECTOR.**

July 26	Port Wine .....	75394 S. & S. Grocery, 818 William Ave., Winnipeg.	3 bots.	1.40 Black Woods Ltd., Winnipeg.	
" 31	Native Wine .....	79520 G. Mintian & Co., 836 Rosser Ave., Brandon.	3 "	1.50 Grape Juice Co., Niagara Falls.	
" 31	Calgary Chinook Beer.	79521 " " " Rosser Ave., Brandon.	3 "	45 Calgary Brewing Co., Brandon.	
" 31	New Life Beer .....	79522 " " " Rosser Ave., Brandon.	3 "	30 Brandon Brewing & Bottling Co., Brandon.	
" 31	Lagerine Beer .....	79523 Ayrite Confectionery, 638 Rosser Ave., Brandon.	3 "	45 Kunta Brew. Co., Waterloo, Ont.	
" 31	Showme Beer .....	79524 " " " Rosser Ave., Brandon.	3 "	45 Prairie Rose Brewing Co., Moosejaw.	
" 31	New Life Beer .....	79525 T. Thompson, 6 Tenth St., Brandon.	3 "	30 Brandon Brewing Co., Brandon.	
Aug. 1	Porter .....	79526 K. Freeman, Carberry, Man.	3 "	45 McDonagh & Shea, Winnipeg.	
" 1	American Lager Beer .....	79528 W. A. Bannister, Carberry, Man.	3 "	90 Golden Lion Co., Prince Albert.	
" 2	Scout .....	79529 Julius Bros., 538 Main St., Winnipeg.	3 "	45 E. L. Dressey, Winnipeg.	

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				Manufacture.	Furnisher.		
1917.				12	12		

## DISTRICT OF ALBERTA—A. W. R. MARKLEY, INSPECTOR.

1917.	June 21	Fruit Wine Port . . .	52730 M. Menasse, Edmonton, N. . . . .	3 bts.	2.25	Edmonton Bottling . . . . .	Red Cross Brand.

## DISTRICT OF ROCKY MOUNTAINS—THOS. PARKER, INSPECTOR.

July 13	Scotch Whiskey . . .	68439	Ruzeck & Lund, Trail . . . . .	3 bts.	6.00	Alex. McKay & Co., Edinburgh, Portal Dingwall & Norris, London.	Mountain Cream.
"	13 Rum . . . . .	68440	" " "	3 "	6.00	"	Privateer.

## DISTRICT OF VANCOUVER—G. G. ARMYTAGE, INSPECTOR.

June 19	Gin . . . . .	75832	Diamond Liquor Co., 335 Main St., Vancouver.	3 bts.	2.25	.....	Bottled by Vendors.
"	19 Brandy . . . . .	75833	The Horse & Brooks Co., 504 Main St., Vancouver.	3	1.50	.....	" "
"	19 Port Wine . . . . .	75834	Hughes Bros., 105 Hastings St. E., Vancouver.	3 bts.	2.40	.....	" "
"	19 Rum . . . . .	75835	Independent Liquor Co., Ltd., Hastings St. W., Vancouver.	65	3	1.50	Western Canada Liquor Co., Ltd., 137 Water St., Vanc.

Western Canada Liquor Co., Ltd., 66 Hastings St. W., Vancouver. 1.30 flasks.

Second Period Liquor Co., Ltd., 75 Hastings St. W., Vancouver. 1.30 flasks.

" 20 Sherry Wine.	75834 Vanc. Wine and Spirit Co., 1097 Fort St., 3 " 75	Bottled by Vendors.
" 21 Claret Wine.....	75837 The A. & B. Co., 715 Dunsmuir St., 3 " 1.06 " "	
" 23 Sauterne Wine.....	75834 The Crown Liquor Store, 6 Hastings St. E., Vancouver. 3 " 2.10 " "	El Cajon Wine and Vintage Co. San Ram. Cal.
" 27 Gin.....	75839 Universal Wine Co., 54 Cordova St. W., Vancouver. 3 " 90 " "	N. Johnson & Sons, Bordeaux.
" 27 Rum.....	75840 Gold Seal Liquor Co., Ltd., 722 Pender St. W., Vancouver. 3 " 90 " "	
" 27 Brandy.....	75841 Three Star Wine Co., 133 Hastings St. W., Vancouver. 3 " 90 " "	Bottled by Vendors.

#### DISTRICT OF VICTORIA—G. G. ARMYAGE, ACTING INSPECTOR.

July 25 California Port Wine	75932 H. O. Kirkham & Co., Ltd., 745 Fort St. 3 lots, 1.65 " "	Bottled by Vendors.
" 25 Rum.....	75933 " " 3 " 1.80 " "	
" 25 California Sherry.....	75934 The Hudson's Bay Co., 1312 Douglas St., Victoria. 3 " 1.65 " "	
" 25 Blackberry Wine.....	75935 " " 3 " 1.80 " "	
" 25 Gin.....	75936 The B. C. Wine Co., Ltd., Victoria. 3 " 1.80 " "	
" 25 St. Julien.....	76937 " " 3 " 90 " "	
" 25 Port Wine.....	75938 Victoria Liquor Co., Ltd., 1303 Govt. St., Victoria. 3 " 1.50 " "	
" 25 Brandy.....	75939 " " 3 " 1.80 " "	
" 25 (Gin .....)	75940 Dixi H. Ross & Co., 1316 Broad St., Victoria. 3 " 1.60 " "	
" 25 Brandy.....	75941 " " 3 " 1.80 " "	

TABLE I.—WINES AND LIQUORS.

No. of Sample.	Nature of Sample.	Results of Analysis.				Remarks.	No. of Sample.		
		Alcohol by Volume.	Proof Spirit.	Grammes per 100 cc.					
				Methyl Alcohol	Acidity as Acetic.				
1917.		P.e.	P.e.						
76671	Scotch Whisky . . . . .	45.64	79.48	None . . . . .	0.027	0.148	0.009 . . . . .		
76672	Rum . . . . .	50.40	88.22	" . . . . .	0.044	1.132	0.014 . . . . .		
76673	Gin . . . . .	48.76	90.16	" . . . . .	0.006	0.012	0.005 . . . . .		
76674	Rum . . . . .	44.96	78.68	" . . . . .	0.050	0.394	0.008 . . . . .		
76675	Scotch Whisky . . . . .	45.52	79.66	" . . . . .	0.010	0.082	0.023 . . . . .		
76676	Rum . . . . .	40.62	71.05	" . . . . .	0.025	0.330	0.006 . . . . .		
76677	Scotch Whisky . . . . .	43.00	75.26	" . . . . .	0.013	0.118	0.006 . . . . .		
78001	Scotch Whisky . . . . .	46.0	80.53	" . . . . .	0.015	0.066	0.004 . . . . .		
78002	Port Wine . . . . .	15.27	24.65	" . . . . .	12.51	0.27	Acidity as tartaric 0.619, sulphates, 0.024. . . . .		
78003	Alcohol . . . . .	93.56	16.03	None . . . . .	0.006	0.006	0.006 . . . . .		
78004	Walker's Rye Whisky . . . . .	43.40	75.96	" . . . . .	0.009	0.113	0.028 . . . . .		
78005	Gin . . . . .	36.20	96.66	" . . . . .	0.003	0.019	0.006 . . . . .		
78006	Brandy . . . . .	49.20	86.16	" . . . . .	0.048	0.881	0.006 . . . . .		
78007	Sherry Wine . . . . .	17.86	31.17	" . . . . .	7.76	0.47	Acidity as tartaric 0.864, sulphates 0.067. . . . .		

## SAMPLES EXAMINED AT HALIFAX.

No. of Sample.	Alcohol by Volume.	Proof Spirit.	Methyl Alcohol	Acidity as Acetic.	Extract	Ash.	Remarks.	No. of Sample.
1917.								
76671	Scotch Whisky . . . . .	45.64	79.48	None . . . . .	0.027	0.148	0.009 . . . . .	76671 Genuine.
76672	Rum . . . . .	50.40	88.22	" . . . . .	0.044	1.132	0.014 . . . . .	76672 "
76673	Gin . . . . .	48.76	90.16	" . . . . .	0.006	0.012	0.005 . . . . .	76673 "
76674	Rum . . . . .	44.96	78.68	" . . . . .	0.050	0.394	0.008 . . . . .	76674 "
76675	Scotch Whisky . . . . .	45.52	79.66	" . . . . .	0.010	0.082	0.023 . . . . .	76675 "
76676	Rum . . . . .	40.62	71.05	" . . . . .	0.025	0.330	0.006 . . . . .	76676 Spirit strength below standard.
76677	Scotch Whisky . . . . .	43.00	75.26	" . . . . .	0.013	0.118	0.006 . . . . .	76677 Genuine.
78001	Scotch Whisky . . . . .	46.0	80.53	" . . . . .	0.015	0.066	0.004 . . . . .	78001 "
78002	Port Wine . . . . .	15.27	24.65	" . . . . .	12.51	0.27	Acidity as tartaric 0.619, sulphates, 0.024. . . . .	78002 "
78003	Alcohol . . . . .	93.56	16.03	None . . . . .	0.006	0.006	0.006 . . . . .	78003 "
78004	Walker's Rye Whisky . . . . .	43.40	75.96	" . . . . .	0.009	0.113	0.028 . . . . .	78004 "
78005	Gin . . . . .	36.20	96.66	" . . . . .	0.003	0.019	0.006 . . . . .	78005 "
78006	Brandy . . . . .	49.20	86.16	" . . . . .	0.048	0.881	0.006 . . . . .	78006 "
78007	Sherry Wine . . . . .	17.86	31.17	" . . . . .	7.76	0.47	Acidity as tartaric 0.864, sulphates 0.067. . . . .	78007 "

78006	Brandy	49.20	86.16	"	0.048	0.881	0.006	
78007	Sherry Wine	17.86	31.17	"	7.76	0.47	Acidity as tartaric 0.864, sulphates 0.067.	78007

78008	Jamaica Rum	79.93	134.90	None	0.036	1.152	0.017	
78009	Scotch Whisky	45.92	50.39	"	0.022	0.110	0.010	
78010	Walker's Rye Whisky	45.52	79.66	"	0.088	0.120	0.006	
71075	Cognac	32.00	55.95	"	0.022	0.143	0.008	
71076	Scotch Whisky	47.60	83.22	"	0.025	0.350	0.006	
71077	Port Wine	13.78	24.05	"	13.87	0.13	Acidity as tartaric 0.868, sulphates trace.	
71078	Gin	41.96	73.33	None	0.001	0.012	0.004	
71079	Vin des Carmes	12.74	22.22	"	20.16	.....	Acidity as tartaric 0.555	
71080	Gin	46.60	81.58	"	0.002	2.157	0.009	
71081	Cognac	26.80	45.01	"	0.007	0.116	0.000	
71082	Gin	44.92	78.61	"	0.004	0.005	0.002	
71083	Wilson's Wine	16.77	39.38	"	13.00	.....	Acidity as tartaric 0.354	
71084	Rum	29.04	50.74	"	0.012	0.252	0.009	

TABLE II.—WINES AND LIQUORS.

No. of Sample.	Nature of Sample.	Results of Analysis.						Remarks and Opinion of the Chief Analyst.
		Alcohol by Volume.	Proof Spirit.	Solids per 100cc.	Volatile Acids.	Furfural.	Ether as Acetate.	
1917.	Gin	44.73	78.39	0.068	.....	.....	.....	.....

## SAMPLES EXAMINED AT OTTAWA.

1917.	Gin	44.73	78.39	0.068	.....	.....	.....	73867 Genuine.
73868	Brandy	32.58	57.09	0.124	18	Traces	3	73868 Below legal strength. Adul- terated.
7612	Brandy	51.87	90.89	0.280	12	.....	20	7612 Genuine.

TABLE II.—WINES AND LIQUORS.

No. of Sample.	Nature of Sample.	Results of Analysis.										Remarks and Opinion of the Chief Analyst.	
		Proof Spirit.			Grammes per 100c.			Preservatives.			Dye.		
		Sp. Gr. of Distillate	Sp. Gr. of Diluted Distillate	Alcohol by Volume	Extract.	Invert Sugar.	Total Sugars.	Ash.	Acidity as Tartaric Acid.	Kind.			
1917.	6450 Vin quinine . . .	1.0036	0.9828	13.62	25.96	20.99	17.15	None.	17.15	0.160	0.000	None . . . . .	
5360 Vin . . . . .	1.0022	0.9831	15.34	23.37	20.55	17.15	"	17.15	0.200	0.720	"	" . . . . .	
7383 Port Wine. . . . .	1.0271	1.000	None.	14.80	3.70	7.82	11.52	0.048	0.675	Salicylic acid.	10 Aniline.	6450 Genuine. Quinine sulphate per 100c.	
7364 Blackberry Wine . . . . .	1.0032	1.000	"	16.39	1.70	9.31	11.01	0.060	0.900	"	15 "	5360 Genuine.	
7285 N. W. Cherry Wine . . . . .	1.0727	0.9998	0.13	0.23	18.87	1.70	12.76	14.46	0.064	1.050	"	7383 Is not wine. Adulterated.	
7286 Sloe Gin . . . . .	1.0084	0.9897	0.20	0.35	15.22	7.60	4.22	11.91	0.076	0.743	"	" . . . . .	
73888 Vin Blane . . . . .	1.0170	0.9905	16.40	26.99	9.34	5.41	0.86	6.21	0.224	0.030	None . . . . .	73836 (Genuine).	
7610 Vin Canadien . . . . .	1.0220	0.9817	14.65	26.67	10.43	6.60	2.22	8.81	0.276	0.713	Salicylic acid.	7 Aniline.	
7611 " . . . . .	1.0443	0.9871	9.78	17.14	14.56	11.86	None.	11.86	0.140	0.650	"	11 None . . . . .	
7613 " . . . . .	1.0236	0.9898	15.49	27.15	11.08	8.93	"	8.93	0.200	0.620	None . . . . .	7613 . . . . .	
7619 " . . . . .	1.0263	0.9812	16.12	26.49	11.42	8.42	"	8.42	0.168	0.636	"	7619 . . . . .	
53473 Port Wine . . . . .	1.0069	0.9866	2.43	4.26	17.88	14.55	.....	14.55	0.140	0.780	"	" . . . . .	

## SAMPLES EXAMINED AT OTTAWA.

1917.	6450 Vin quinine . . . . .	1.0036	0.9828	13.62	25.96	20.99	17.15	None.	17.15	0.160	0.000	None . . . . .
5360 Vin . . . . .	1.0022	0.9831	15.34	23.37	20.55	17.15	"	17.15	0.200	0.720	"	" . . . . .
7383 Port Wine. . . . .	1.0271	1.000	None.	14.80	3.70	7.82	11.52	0.048	0.675	Salicylic acid.	10 Aniline.	7383 Is not wine. Adulterated.
7364 Blackberry Wine . . . . .	1.0032	1.000	"	16.39	1.70	9.31	11.01	0.060	0.900	"	15 "	7384 "
7285 N. W. Cherry Wine . . . . .	1.0727	0.9998	0.13	0.23	18.87	1.70	12.76	14.46	0.064	1.050	"	7385 "
7286 Sloe Gin . . . . .	1.0084	0.9897	0.20	0.35	15.22	7.60	4.22	11.91	0.076	0.743	"	7386 Is not gin. Adulterated.
73888 Vin Blane . . . . .	1.0170	0.9905	16.40	26.99	9.34	5.41	0.86	6.21	0.224	0.030	None . . . . .	73836 (Genuine).
7610 Vin Canadien . . . . .	1.0220	0.9817	14.65	26.67	10.43	6.60	2.22	8.81	0.276	0.713	Salicylic acid.	7 Aniline.
7611 " . . . . .	1.0443	0.9871	9.78	17.14	14.56	11.86	None.	11.86	0.140	0.650	"	11 None . . . . .
7613 " . . . . .	1.0236	0.9898	15.49	27.15	11.08	8.93	"	8.93	0.200	0.620	None . . . . .	7613 . . . . .
7619 " . . . . .	1.0263	0.9812	16.12	26.49	11.42	8.42	"	8.42	0.168	0.636	"	7619 . . . . .
53473 Port Wine . . . . .	1.0069	0.9866	2.43	4.26	17.88	14.55	.....	14.55	0.140	0.780	"	" . . . . .

TABLE II.—WINES AND LIQUORS.

No. of Sample, or Bottle No.	Results of Analysis.						Preservatives. Kind.	Acidity and Tartaric acid.	Type.	Remarks, and Operation of the Chief Analyst.				
	Grammes per 100 cc.			Invert Sugar.										
	Alcohol per cent.	Brix per cent.	Acid per cent.	Extract	Sucrose	Total Sugar.								
1917.														
74366 Port Wine . . .	1.0702	0.9998	0.13	18.40	14.58	3.19	17.77	0.020	0.220 Salicylic acid.	80 Aniline.				
74367 Grape Wine . . .	1.0828	1.000	None.	21.62	19.76	None.	19.76	0.050	0.256 "	26 " 74367				
74368 Port Wine . . .	1.0619	1.000	"	16.66	10.22	2.91	13.13	0.064	0.412 "	20 " 74368				
74369 Sloe Gin . . . .	1.1326	0.9991	1.26	2.20	33.99	14.56	17.06	31.61	0.248 0.397	40 " 74369 1. not gin.				
74360 Grape Wine . . .	1.1253	0.9982	1.19	2.09	33.22	24.12	2.29	32.41	0.168 0.735	26 " 74360 2. not wine.				
77687 " . . . .	1.0613	0.9997	0.96	1.31	21.12	3.57	14.74	18.31	0.072 0.676	80 " 77687				
77647 " . . . .	1.09588	0.99778	1.42	2.48	25.67	8.56	15.02	23.58	0.156 0.803	32 " 77647				
77649 Port Wine . . . .	1.1157	0.99567	0.86	1.51	29.99	22.75	5.59	28.34	0.192 0.905	60 " 77649				
77651 Black Cherry Wine . . . .	1.1150	0.99925	0.33	0.58	30.13	26.04	2.17	28.21	0.036 1.050	24 None. 77651				
77652 Red Cherry Wine . . . .	1.1110	0.99959	0.07	0.12	26.36	24.02	1.62	25.64	0.040 0.810	27 " 77652				
77653 Black Cherry Wine . . . .	1.1125	0.9496	0.26	0.46	29.60	28.08	None.	28.08	0.120 0.673	40 Aniline 77653				
77656 Peach Wine . . .	1.1208	1.000	None.	31.41	23.62	5.93	29.56	0.296 0.825	78 None. 77656					
72978 Mint Cordial . . .	1.0644	0.9894	1.06	1.56	17.12	10.22	3.86	14.07 0.036	80 Aniline 72978					
72979 Pineola (Cordial)	1.0690	0.9898	0.79	1.79	17.96	12.01	5.36	17.37 0.024	80 " 72979					

## SAMPLES EXAMINED AT OTTAWA—Con.

No.	Alcohol per cent.	Brix per cent.	Acid per cent.	Extract	Sucrose	Total Sugar.	Preservatives. Kind.	Acidity and Tartaric acid.	Type.	Remarks, and Operation of the Chief Analyst.
1917.										
74366 Port Wine . . .	1.0702	0.9998	0.13	18.40	14.58	3.19	17.77	0.020	0.220 Salicylic acid.	80 Aniline.
74367 Grape Wine . . .	1.0828	1.000	None.	21.62	19.76	None.	19.76	0.050	0.256 "	26 " 74367
74368 Port Wine . . .	1.0619	1.000	"	16.66	10.22	2.91	13.13	0.064	0.412 "	20 " 74368
74369 Sloe Gin . . . .	1.1326	0.9991	1.26	2.20	33.99	14.56	17.06	31.61	0.248 0.397	40 " 74369 1. not gin.
74360 Grape Wine . . .	1.1253	0.9982	1.19	2.09	33.22	24.12	2.29	32.41	0.168 0.735	26 " 74360 2. not wine.
77687 " . . . .	1.0613	0.9997	0.96	1.31	21.12	3.57	14.74	18.31	0.072 0.676	80 " 77687
77647 " . . . .	1.09588	0.99778	1.42	2.48	25.67	8.56	15.02	23.58	0.156 0.803	32 " 77647
77649 Port Wine . . . .	1.1157	0.99567	0.86	1.51	29.99	22.75	5.59	28.34	0.192 0.905	60 " 77649
77651 Black Cherry Wine . . . .	1.1150	0.99925	0.33	0.58	30.13	26.04	2.17	28.21	0.036 1.050	24 None. 77651
77652 Red Cherry Wine . . . .	1.1110	0.99959	0.07	0.12	26.36	24.02	1.62	25.64	0.040 0.810	27 " 77652
77653 Black Cherry Wine . . . .	1.1125	0.9496	0.26	0.46	29.60	28.08	None.	28.08	0.120 0.673	40 Aniline 77653
77656 Peach Wine . . .	1.1208	1.000	None.	31.41	23.62	5.93	29.56	0.296 0.825	78 None. 77656	
72978 Mint Cordial . . .	1.0644	0.9894	1.06	1.56	17.12	10.22	3.86	14.07 0.036	80 Aniline 72978	
72979 Pineola (Cordial)	1.0690	0.9898	0.79	1.79	17.96	12.01	5.36	17.37 0.024	80 " 72979	

72278	Mint Cordial . . .	1·0644	0·9884	1·06	1·56	17·12	10·22	3·86	14·07	0·036	0·963	Salicylic acid.	80	Aniline	72278 Doubtful.
72279	Pineola (Cordial)	1·0650	0·9888	0·79	1·39	17·96	12·01	5·36	17·37	0·024	0·983	"	80	"	72279 "

72280	Orange (Cordial)	1·0669	0·9885	0·99	1·74	18·23	11·51	5·50	17·01	0·040	0·188	"	80	"	72280
72281	Artificial Black Cherry(Cordial)	1·0643	0·9888	0·79	1·39	24·86	22·81	None.	22·81	0·080	3·825	"	4	"	72281 Sold as Artificial.
72282	Ginger Wine . . .	1·1204	1·000	None.	None.	28·01	27·66	"	27·66	0·164	0·428	"	10	"	72282 Is not wine. Adulterated.
72283	Ginger Brandy . . .	1·1245	0·9992	0·53	0·93	29·10	25·12	3·94	29·06	0·008	0·250	"	20	"	72283 Is not brandy. Adulterated.
72284	Rum. . . . .	1·0771	0·9633	0·46	0·81	20·20	17·79	None.	17·79	0·008	0·248	"	20	None.	72284 Is not rum. Adulterated.
72285	Rye Whiskey . . .	1·0610	0·9869	0·07	0·12	16·81	15·10	0·32	15·42	0·104	0·413	"	20	"	72285 Is not whiskey. Adulterated.
77854	Sloe Gin . . .	1·0763	0·9994	0·40	0·70	19·97	3·35	16·53	19·88	0·000	0·113	"	80	Aniline	77854 Is not gin. Adulterated.
77855	Port Fruit Wine	1·0520	0·9986	0·26	0·46	13·77	7·50	4·98	12·48	0·056	0·225	"	57	None.	77855 Is not wine. Adulterated.
77856	Blackberry Brandy.	1·0683	0·9906	0·26	0·46	4·90	13·02	7·08	20·10	0·120	0·413	None.	.....	Aniline	77856 Is not brandy. Adulterated.
77861	Unfermented Port Wine.	0·9906	0·9889	7·40	12·97	2·25	None.	1·40	1·40	0·088	0·562	"	.....	None.	77861 A low grade wine. Adulterated.
77867	London Dock Sherry (Cordial).	1·1067	0·9896	0·26	0·46	29·43	18·59	7·04	25·63	0·076	0·650	Salicylic acid.	20	"	77867
77912	Creme de Menthe (Cordial).	1·1583	0·9884	1·06	1·86	30·15	4·15	31·66	35·81	0·048	0·263	"	8	Aniline	77912 Doubtful.
77913	Creme de Menthe (Cordial).	1·1531	1·000	None.	None.	34·80	3·63	30·44	34·07	0·032	0·975	None.	.....	.....	77913 "
77984	Sherry Near Wine.	1·0659	0·9898	0·13	0·23	17·14	16·93	None.	16·93	0·180	0·488	Salicylic acid.	27	None.	77984
77985	Irish Side Gin . . .	1·1041	0·9949	3·62	6·34	28·46	18·10	7·08	25·18	0·248	0·673	None.	.....	.....	77985 Is not gin. Adulterated.
77983	Anisette (Cor-dial).	1·1857	0·9872	1·96	3·44	41·20	None.	40·80	40·80	0·016	None.	Salicylic acid.	.....	.....	77983 Doubtful.
77994	Black Currant Wine.	1·0688	1·000	None.	None.	24·41	3·77	18·14	21·91	0·080	0·525	Benzoinic acid.	80	"	77994 Is not wine. Adulterated.
77995	Tupenny Parch (Cordial).	1·0590	1·000	"	"	15·20	0·80	13·30	14·10	0·632	0·420	Salicylic acid.	3	"	77995 Doubtful.
77996	Ginger Wine . . .	1·0791	0·9885	0·33	0·58	20·55	1·23	16·88	18·11	0·035	0·300	None.	.....	Aniline	77996 Is not wine. Adulterated.
77997	Grape Wine . . .	1·0896	0·9909	0·07	0·12	23·04	2·50	19·82	22·32	0·032	0·676	"	.....	.....	77997 "
77998	Ginger Wine . . .	1·1290	1·000	None.	None.	20·70	11·41	17·26	20·77	0·076	0·300	Salicylic acid.	40	None.	77998 "
77999	Grape Wine . . .	1·0839	0·9998	0·13	0·23	21·86	10·77	10·10	20·87	0·060	0·450	"	40	Aniline	77999 "
78000	Creme de Menthe (Cordial).	1·1085	0·9999	0·07	0·12	28·33	8·66	18·87	27·53	0·072	0·075	"	4	"	78000 Doubtful.
63267	Port Wine . . .	1·0619	1·000	None.	None.	16·05	11·10	4·03	15·13	0·060	0·220	None.	.....	.....	63267 Is not wine. Adulterated.
63268	Port Wine . . .	1·0431	1·000	"	"	11·15	2·71	7·56	10·27	0·068	0·322	"	.....	.....	63268 "

TABLE II.—WINES AND LIQUORS.

No. of Sample.	Nature of Sample.	Results of Analysis.										No. of Sample.	Remarks and Opinion of the Chief Analyte.	
		Sp. Gr. of Sample at 15° C.	Sp. Gr. of Distillate.	Sp. Gr. of Residue.	Alcohol.	p.c.	Proof Spirit.	Extract or Total Solids.	Acidity	Tartaric	Dissolved Extract	Dissolved Tartaric	Proprietary Mixture per 100 c.c.	Dye.
1917.														
75394	Port Wine.....	1.0684	0.9981	1.0712	1.00	1.26	2.20	18.48	0.45	17.3	0.088	12.0	None	Aniline. 75394 Is not wine. Adulterated.
75292	Native Wine....	1.0657	1.000	1.0675	None	None	17.51	0.75	11.4	0.20	26.0	"	None.	75292 "
73621	Calgary Chinook Beer.	1.0180	0.9978	1.0198	1.19	1.49	2.61	5.25	.....	.....	0.188	31.8	Salicylic acid.	73621 Light beer. Genuine.
73622	New-Lite Beer..	1.0180	0.9986	1.0194	0.74	0.93	1.62	5.14	.....	.....	0.204	26.0	None.	73622 "
73623	Lauferine Beer	1.0161	0.9924	1.0178	0.84	1.06	1.96	4.60	.....	.....	0.192	37.2	"	73623 "
73624	Showme Beer...	1.0186	0.9978	1.0198	1.19	1.49	2.61	5.25	.....	.....	0.166	40.0	"	73624 "
73625	New-Lite Beer..	1.0126	0.9976	1.0150	1.31	1.65	2.89	3.93	.....	.....	0.066	28.0	"	73625 "
73626	Porter.....	1.0150	0.9984	1.0164	0.84	1.06	1.96	4.90	.....	.....	0.214	49.2	"	73626 Is not porter. Adulterated.
73628	American Lager	1.0149	0.9960	1.0156	0.53	0.66	1.16	4.09	.....	.....	0.155	36.0	Traces SO <sub>2</sub> .	73628 Is not lager beer.
73629	Stout .....	1.0161	0.9985	1.0178	0.79	0.90	1.74	4.60	.....	.....	0.146	40.0	None.	73629 Is not porter. Adulterated.
82730	Fruit Wine Port.	1.0558	0.9974	1.0561	1.44	1.81	3.16	14.54	0.36	13.9	0.680	11.2	"	Aniline. 82730 Is not wine. Adulterated.

## SAMPLES EXAMINED AT WINNIPEG.

1917.														
75394	Port Wine.....	1.0684	0.9981	1.0712	1.00	1.26	2.20	18.48	0.45	17.3	0.088	12.0	None	Aniline. 75394 Is not wine. Adulterated.
75292	Native Wine....	1.0657	1.000	1.0675	None	None	17.51	0.75	11.4	0.20	26.0	"	None.	75292 "
73621	Calgary Chinook Beer.	1.0180	0.9978	1.0198	1.19	1.49	2.61	5.25	.....	.....	0.188	31.8	Salicylic acid.	73621 Light beer. Genuine.
73622	New-Lite Beer..	1.0180	0.9986	1.0194	0.74	0.93	1.62	5.14	.....	.....	0.204	26.0	None.	73622 "
73623	Lauferine Beer	1.0161	0.9924	1.0178	0.84	1.06	1.96	4.60	.....	.....	0.192	37.2	"	73623 "
73624	Showme Beer...	1.0186	0.9978	1.0198	1.19	1.49	2.61	5.25	.....	.....	0.166	40.0	"	73624 "
73625	New-Lite Beer..	1.0126	0.9976	1.0150	1.31	1.65	2.89	3.93	.....	.....	0.066	28.0	"	73625 "
73626	Porter.....	1.0150	0.9984	1.0164	0.84	1.06	1.96	4.90	.....	.....	0.214	49.2	"	73626 Is not porter. Adulterated.
73628	American Lager	1.0149	0.9960	1.0156	0.53	0.66	1.16	4.09	.....	.....	0.155	36.0	Traces SO <sub>2</sub> .	73628 Is not lager beer.
73629	Stout .....	1.0161	0.9985	1.0178	0.79	0.90	1.74	4.60	.....	.....	0.146	40.0	None.	73629 Is not porter. Adulterated.
82730	Fruit Wine Port.	1.0558	0.9974	1.0561	1.44	1.81	3.16	14.54	0.36	13.9	0.680	11.2	"	Aniline. 82730 Is not wine. Adulterated.

TABLE II.—WINES AND LIQUORS.

No. of Sample.	Nature of Sample.	Results of Analysis.						Remarks, and Opinion of the Chief Analyst.	
		Ethyl Alcohol.		Grammes per 100 cc.		Alcohol per 100,000 Solutions of Sugar in Water.	Ash.		
		C.	O. <sub>2</sub> -C. <sub>2</sub> H <sub>5</sub>	By Sp. Gr. of distillate per c.c. by volume.	Py Refractive Index Volume.				
SAMPLES EXAMINED AT VANCOUVER.									
1917.									
68439 Scotch Whiskey . . . . .	0.9350	39.96	1.0	0.06	.....	.....	0.008	0.25	
68440 Rum . . . . .	0.9412	46.84	5.6	0.43	.....	.....	0.012	0.22	
78832 Gin . . . . .	0.9613	35.04	2.6	0.77	.....	.....	0.012	5.50	
78833 Brandy . . . . .	0.9422	45.76	=61.32 p.s.	1.8	0.11	.....	0.005	0.22	
78834 Port Wine . . . . .	1.0127	13.65	14.25	93.0	7.86	4.90	0.22	78834 Genuine.	
78835 Rum . . . . .	0.9881	48.32	48.44	6.8	0.40	.....	0.010	2.50	
78836 Sherry Wine . . . . .	0.9632	18.36	18.81	64.0	3.69	1.72	0.48	78836	
78837 Claret Wine . . . . .	0.9662	11.73	12.17	78.5	2.64	0.16	0.33	78837	
78838 Sauterne Wine . . . . .	1.0063	13.32	13.90	106.5	5.95	2.60	0.25	78838	
78839 Gin . . . . .	0.9725	34.28	34.48	0.2	3.70	0.06	3.41	0.012 Nil . . . . .	
78840 Rum . . . . .	0.9330	70.88	=60.29 p.s.	5.2	0.46	.....	0.012	0.20	
78841 Brandy . . . . .	0.9002	41.08	41.28	1.4	0.15	.....	0.004	0.25	
78839 California Port Wine . . . . .	1.0231	19.45	=72.20 p.s.	19.60	62.5	11.94	9.50	0.33 . . . . .	
78939 Rum . . . . .	0.9325	22.44	22.83	8.8	1.12	.....	0.002	2.40	
78934 California Sherry . . . . .	0.9395	19.50	19.72	45.0	4.28	2.42	0.25	78934 . . . . .	

TABLE II.—WINES AND LIQUORS.

No. of Sample.	Nature of Sample.	Results of Analysis.						Remarks and Opinion of the Chief Analyst.			
		Ethy. Alcohol.	By Sp. Gr. at 15°-6° C.	By Refrac- tive Index of distil- late p.c. by volume.	Total Solids at 70.0 C.	Reducing Substances in Liquor.	Sugars.				
SAMPLES EXAMINED AT VANCOUVER—Concluded.											
75935	Blackberry Brandy .....	1.0724	17.76	17.88	68.5	24.51	21.50	0.76	0.076	Nil . . .	75935) Is not brandy. Adulterated.
75936	Gin .....	0.9756	28.44	27.88	0.7	2.44	0.09	2.20	0.016	Nil . . .	75936) Low in alcohol. Adulterated.
75937	St. Julien .....	0.9933	12.21	12.50	80.5	2.23	0.47	.....	0.23	.....	75937) Genuine.
75938	Port Wine .....	1.0183	20.77	21.00	59.0	11.51	9.27	.....	0.20	.....	75938) "
75939	Brandy .....	0.9440	44.88	44.48	7.9	0.16	.....	.....	0.066	3.30	75939) "
75940	Gin .....	0.9615	33.24	32.28	2.4	0.04	.....	.....	0.002	0.30	75940) Low in alcohol. Adulterated.
75941	Brandy .....	0.9554	37.60	= 58.14 p.s.	5.2	0.09	.....	.....	6.006	4.60	75941) " " "